Using RobotC in the MathLab

The Start-Up Process:

(1) Login into a MathLab computer with the userid and password provided.

(2) Insert the blue USB disk drive into one of the available USB ports in the rear of the computer.

(3) After a short wait, an icon titled "8.0 GB Media" will appear on the desktop. After the icon appears, double-click the "WindowsXP" icon that is also on the desktop.

(4) A window will appear and eventually a fully functioning copy of Windows XP within.

(5) Connect the NXT brick to the computer using the USB cable and an available USB port. (It is important to leave the blue USB disk drive in place throughout this process, so find another port!) Turn the NXT brick on by pressing the orange button on its face.

(6) In the Windows XP window, double-click on the RobotC icon.

(7) When the RobotC program is running and all the pop-up windows have either disappeared or been closed, go to the `Robot → NXT Brick → Link Setup` menu item.

(8) A pop-up window will appear and automatically establish a connection to the NXT brick. Close any additional pop-up information windows that may appear. If the NXT brick is detected without any errors, proceed. If not, get help from me.

(9) Close the `Link Setup` window.

(10) RobotC is now ready for you to begin programming.

The Shut-Down Process:

(1) Save your work! If possible, transfer your program to your netFiles account.

(2) Close RobotC.

(3) Shutdown Windows XP by choosing `Start → Turn Off Computer` at the lower-left of the desktop toolbar. When Windows XP has shutdown, the window will close.

(4) After the Windows XP window has closed, right-click on the "8.0 GB Media" desktop icon and choose `Unmount Volume`.

(5) When the icon has disappeared, remove the blue USB disk drive.

(6) Logout of your MathLab account.

(7) Put your robot equipment into its locker.